

AMENDMENTS TO THE CLAIMS

Upon entry of the present amendment, the status of the claims will be as is shown below. This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-11 (Cancelled)

12. (Currently Amended) A transmission method for transmitting a plurality of streams in a multiplexed format, comprising:

generating, using a multiplexer device, a transmission stream through multiplexing of a first stream having data of a first service, a second stream having data of a second service, and a third stream having data related to the first service and data related to the second service;

transmitting, using a transmitter, said transmission stream;

wherein said transmission stream has such a structure that first bursts for transmitting the first stream and second bursts for transmitting the second stream are located periodically in said transmission stream,

wherein each of at least one batch that concludes with a pause in transmission includes one of said first bursts and one of said second bursts,

wherein said third stream is carried in said first bursts and also in said second bursts, and

wherein said first bursts carry all data related to the first service and the second service as carried in said third stream, and also said second bursts carry all data related to the first service and the second service as carried in said third stream.

13. (Previously Presented) A transmission method as described in claim 12,

wherein said data for the first service is a high quality content data provided by said first service,

wherein said data for the second service is a high quality content data provided by said second service,

wherein said data related to the first service is a low quality content data provided by said first service, and

wherein said data related to the second service is a low quality content data provided by said second service.

14. (Previously Presented) A transmission method as described in claim 13,

wherein said high quality content data is data containing video data and audio data of the content.

15. (Previously Presented) A transmission method as described in claim 13,

wherein said low quality content data is data containing still image data and/or audio data related to the content.

16. (Previously Presented) A transmission method as described in claim 13,

wherein said low quality content data is data containing text data related to the content.

17. (Currently Amended) A transmission apparatus for transmitting a plurality of streams in a multiplexed format, comprising:

a multiplexer operable to generate a transmission stream through multiplexing of a first stream having data of a first service, a second stream having data of a second service, and a third stream having data related to the first service and data related to the second service; and

a transmitter operable to transmit said transmission stream;

wherein said transmission stream has such a structure that first bursts for transmitting the first stream and second bursts for transmitting the second stream are located periodically in said transmission stream,

wherein each of at least one batch that concludes with a pause in transmission includes one of said first bursts and one of said second bursts,

wherein said third stream is carried in said first bursts and also in said second bursts, and

wherein said first bursts carry all data related to the first service and the second service as carried in said third stream, and also said second bursts carry all data related to the first service and the second service as carried in said third stream.

18. (Currently Amended) A receiving method for receiving a transmission stream having a plurality of streams in a multiplexed format, said transmission stream being formed, using a multiplexer device, through multiplexing of a first stream having data of a first service, a second stream having data of a second service, and a third stream having data related to the first service and data related to the second service, said transmission stream having such a structure that first bursts for transmitting the first stream and second bursts for transmitting the second stream are located periodically in said transmission stream, each of at least one batch that concludes with a pause in transmission including one of said first bursts and one of

said second bursts, and said third stream being carried in said first bursts and also in said second burst, said receiving method comprising:

receiving said transmission stream, formed using the multiplexer device and transmitted using a transmitter, partially and selectively during a period at which the first bursts or the second bursts, being selected by a service recipient, are transmitted;

extracting said third stream from the first bursts or the second bursts being received, and storing the extracted third stream; and

presenting said third stream when the service recipient alters the receiving service from the first service presented by the first bursts to the second service presented by the second bursts, or vice versa,

wherein said first bursts carry all data related to the first service and the second service as carried in said third stream, and also said second bursts carry all data related to the first service and the second service as carried in said third stream.

19. (Currently Amended) A receiving apparatus for receiving a transmission stream having a plurality of streams in a multiplexed format, said transmission stream being formed through multiplexing of a first stream having data of a first service, a second stream having data of a second service, and a third stream having data related to the first service and data related to the second service, said transmission stream having such a structure that first bursts for transmitting the first stream and second bursts for transmitting the second stream are located periodically in said transmission stream, each of at least one batch that concludes with a pause in transmission including one of said first bursts and one of said second bursts, and

said third stream being carried in said first bursts and also in said second bursts, said receiving method comprising:

a receiver operable to receive said transmission stream partially and selectively during a period at which the first bursts or the second bursts, being selected by a service recipient, are transmitted;

an extractor operable to extract said third stream from the first bursts or the second bursts being received, and storing the extracted third stream; and

a presenting device operable to present said third stream when the service recipient alters the receiving service from the first service presented by the first bursts to the second service presented by the second bursts, or vice versa,

wherein ~~each of~~ said first bursts carry all data related to the first service and the second service as carried in said third stream, and also said second bursts carry all data related to the first service and the second service as carried in said third stream.